(54) Title: A METHOD OF COMPRESSING MOVING PICTURES FOR MOBILE DEVICES
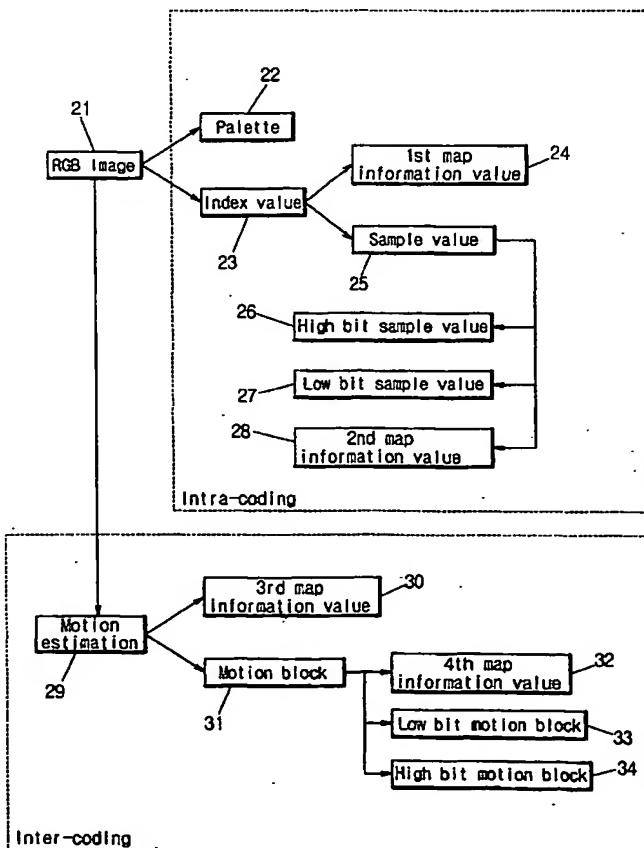
(57) Abstract: Disclosed are technologies for
compressing moving pictures. In particular, the present
invention relates to a high efficient and simple method
of compressing moving pictures for mobile devices.
According to the method, it is possible to efficiently
compress moving pictures because the method determines
whether motion happened or not through a motion
estimation process using macro blocks without obtaining
motion vectors, and provides various choices in selecting
size of blocks to be determined on whether motion
happened or not. Further, the method performs P-frame
coding based on previously existing P-frame as reference
frame, so that the method may omit other previous P-frame
and does not need any extra buffering, when transmitting
moving pictures over networks. Thus, it has advantages of
easy network support and great adaptability to data loss.

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GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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